



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

*Ch*

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/035,612

03/05/98

YUZAWA

K

SONYJP-3.0-0

LERNER DAVID LITTENBERG  
KRUMHOLZ & MENTLIK  
600 SOUTH AVENUE WEST  
WESTFIELD NJ 07090

LM02/1006

EXAMINER

HUANG, S

ART UNIT

PAPER NUMBER

2711

DATE MAILED:

10/06/99

**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trad marks**

# Office Action Summary

Application No.  
**09/035,612**

Applicant(s)  
**Yuzawa**

Examiner  
**Sam Huang**

Group Art Unit  
**2711**



☐ Responsive to communication(s) filed on \_\_\_\_\_

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-8 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-8 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☒ The drawing(s) filed on Mar 5, 1998 is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☒ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☒ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☒ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2711

## **DETAILED ACTION**

### ***Priority***

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

### ***Drawings***

2. Figure 7 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g).
3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: According to applicant's specification, Unit Controller is labeled "10" which is contrary to Figure 1. Correction is required.

### ***Claim Rejections - 35 USC § 112***

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 1-8 are rejected under 35 U.S.C. 112 because there are insufficient antecedent basis for the limitations in the claims. By way of example, claim 1 recites the limitation "the" in

Art Unit: 2711

“the received data” and “the stored data”. Applicant is required to make the necessary changes to additional limitations in the claims which lacks proper antecedent basis.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

7. Claims 1-3, 5-7 are rejected under 35 U.S.C. 102(e) as being anticipated by Okayama (US 5,903,606).

Regarding claims 1, 2, 5, 6, Okayama discloses a data reception device comprising: means for extracting required data of the received data to store the required data; means for executing the stored data as a program for unit control; and means for detecting the quality of a reception state, characterized in that a data storing operation is not performed when the reception of data contains error and the device also teaches that data storing is automatically performed when the reception state is without error. (See Fig. 4, cols. 2, 3).

As for claims 3, 7, Okayama further shows a display means for displaying the reception state and designation means for designating whether the data storing operation is performed or not. (Id.).

Art Unit: 2711

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 4 and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Okayama (US 5,903,606) in view of applicant's admitted prior art (Figure 7).

According to applicant's admitted prior art (Fig. 7 and pages 1-6), applicant discloses a "typical digital broadcast system" which transmits image signals, audio signals, or the like by using a communication satellite. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement Okayama's error detection and correction device with applicant's digital broadcast system in order to save memory and to provide quality data reception for data sensitive services.

### ***Conclusion***

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications; please mark "EXPEDITED  
PROCEDURE")

Art Unit: 2711

**Or:**

(703) 308-5399, (for informal or draft communications, please label  
"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal  
Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner  
should be directed to Sam Huang whose telephone number is (703) 305-0627. The examiner can  
normally be reached on M-Th from 8:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's  
supervisor, Andrew Faile, can be reached on (703) 305-4380. The fax phone number for this  
Group is (703) 308-5359.

Any inquiry of a general nature or relating to the status of this application or proceeding  
should be directed to the Group receptionist whose telephone number is (703) 305-4700.

SH

September 15, 1999

*Andrew Faile*  
ANDREW I. FAILE  
SUPERVISORY PATENT EXAMINER  
GROUP 2700